

ABSTRACT

5 An aspartic enzyme having a high homology with a
cathepsin D precursor, which is a protein having the N-
terminal amino acid sequence LVRIPLHKFT and showing a
10 molecular weight of about 45 kDa in non-reductive SDS
electrophoresis and can degrade plasma proteins, typically
plasminogen, to produce plasma protein fragments having an
inhibitory activity to metastasis and growth of cancer; the
plasma protein fragments having an inhibitory activity to
15 metastasis and growth of cancer which is prepared via the
degradation with the above enzyme; a process for preparing
the protein fragments which comprises degrading plasma
proteins with the above enzyme; and a medicament for
treating and preventing metastasis and growth of cancer
which comprises as a major ingredient the above enzyme or
the plasma protein fragments.

SUB
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T00E20-89590860